

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	10/774053	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 10:56
S2	0	"10774053"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 12:38
S3	513	"ground structure".ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 12:39
S4	548	(ground and (strucutre grid matrix)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 12:40
S5	6557	(ground and (structure grid matrix)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 12:41
S6	812	S5 and (pcb "circuit board" substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 12:41
S7	32	("4675789"   "4859806"   "4899439"   "5397861"   "5519176"   "5633479"   "5912809").PN. OR ("6184477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 12:55
S8	71	("3876822"   "4054939"   "5136123").PN. OR ("5633479").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:18
S9	4562	174/255,262,261.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:19

## EAST Search History

S10	1444	S9 and ground	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:42
S11	1337	S10 and (pcb or "circuit board" or substrate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:19
S12	548	S10 and array	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:41
S13	985	361/805,795,793,794.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:42
S14	67152	ground and (pcb "circuit board" substrate) and array	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:42
S15	188	S13 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:09
S16	1943	333/243,161,246.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:09
S17	306	S14 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:22
S18	909	439/47,74.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:22
S19	97	S18 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:22
S20	2	"5184281".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 09:40
S21	348	(ground near grid) and computer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 09:08
S22	13	S21 and multilayer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:23

## EAST Search History

S23	4247	ground near (grid array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 09:36
S24	0	S23 and multi\$layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 09:36
S25	146	S23 and multi\$layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 09:37
S26	62	S25 and (shield protect faraday)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 09:37
S27	4247	ground near (grid array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:21
S28	146	S27 and multi\$layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:21
S29	2248	track near pad	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:23
S30	627	S29 and (grid array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:24

## EAST Search History

S31	97	S30 and ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:27
S32	1633	"track pad"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:27
S33	465	S32 and (grid array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:31
S34	637	ringlet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:31
S35	44	S34 and triang\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:32
S36	5	S34 with triang\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 10:32